

AMENDMENT TO THE SPECIFICATION

Please replace paragraph 0047 with the following rewritten paragraph:

[0047] The circuitry **24** includes a solid state switching device, in this example in the form of a bipolar transistor **26**, connected in series with an electromagnetic field generation device, in this example in the form of a coil **28**. Transistor **26** provides a means of completing an electrical path between Vcc or supply DC voltage **30** and Ground or 0 volt DC **32** through coil **28**, energizing said coil **28**. Switching of transistor **26**, and therefore energizing of coil **28**, is controlled using control circuitry, in this example in the form of a microcontroller **34** programmed to apply a signal to the base of the transistor **26** corresponding to the general pattern of the energisation signal **18** shown in FIGs 3 and 4. However it will be understood that other arrangements for effecting the controlled switching of transistor **26** are envisaged.